

Message

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**Sent:** 10/24/2017 7:52:25 PM  
**To:** Lindsey, Deborah [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ce46a259227a40bf8f8dae58f8284cd1-Lindsey, Deborah]  
**CC:** Markiewicz, Karl [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a9af7eaacbc41d8a469eb1f11183ad6-Kmarkiew]; Helverson, Robert [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e96005a319744540a11a1aed352395d1-Rhelters]  
**Subject:** Just for you Deb - some thoughts for questions to ask CTEH under County contract (Ames Warehouse Fire, Parkersburg)

Deb, these are just some questions to keep in mind as you continue to hear the data discussed in the site command. Thanks to Bob for putting some thought in to these and typing these up. This isn't about the specifics of the data collected so far, but is more on the "big picture" of what might be missing or needed. Hope this is helpful to you.

- What are the limitations of the sampling conducted, so far? Should any of these limitations be addressed immediately?
- Are there any data missing (e.g., building contents and building construction, interviews with workers last onsite, etc.) to help guide ongoing air quality assessment?
- Do we have a sufficient data set to make a determination about potential health effects from exposures? Are there any classes of compounds that still need to be assessed, or any additional pathways of exposures (ash>mouth, inhalation, groundwater contamination, etc.) to determine whether chronic exposures may be of concern?
- Were the products and materials onsite and the building's construction materials considered when determining which chemicals to sample in the air?
- When was SVOC sampling conducted and was it for solids/particulates only or also the volatile portions of SVOCs released during the fire (i.e., PUF sampling and particulate sampling)?
- Were airborne metal particulates assessed? Or just total PM10 and PM2.5?
- Should residents or local health care providers be monitoring their health for any particular effects/symptoms that may be related to exposure that could become worse over time? (This gets at the question from Jim and we weren't really able to answer with the data available so far, beyond the concern about acute respiratory/cardiopulmonary illness like we talked about during our call).
- Have sensitizing chemicals and sensitive subpopulations been addressed by the sampling program? Should there be modifications considering subpopulations concerns (e.g., schools, daycares, elderly homes, health centers, etc.)?
- Is AFFF contained and runoff addressed as best as possible considering the fire? Are there any private, public or industrial intakes in the area that may have been impacted by the runoff? Note this is in the vicinity of the DuPont Washington Works Lubeck site and all the past C-8/PFOA air and GW contamination that impacted this same WV/OH area.

Thanks,  
Lora, Bob, and Karl